

VIRGIN RIVER BASIN

09413900 BEAVER DAM WASH NEAR ENTERPRISE, UT

LOCATION.--Lat 37°28'12", long 114°02'45", in NW^{1/4}SW^{1/4}NW^{1/4} sec. 24, T. 38 S., R. 20 W., Washington County, Hydrologic Unit 15010010, Bureau of Land Management, on left bank 0.4 mi downstream from Nevada-Utah State line and about 19 mi southwest of Enterprise.

DRAINAGE AREA.--58 mi².

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 4,760 ft above sea level, from topographic map.

REMARKS.--Records fair except for discharges less than 2.0 ft³/s and estimated days, which are poor.EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,740 ft³/s Mar. 11, 1995, gage height, 10.14 ft from floodmarks, from rating curve extended above 230 ft³/s on basis of slope-area measurement at gage height 9.56 ft. No flow Aug. 8, 10, 1994.EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 50 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 11	0500	100	4.92	Sept. 3	1830	58	4.54
Jan. 3	1115	139	5.23	Sept. 26	0700	*169	*5.44
Jan. 26	2000	126	5.13				

Minimum discharge, 0.05 ft³/s July 23, gage height 3.44 ftDISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.78	2.5	2.1	4.1	11	6.9	6.9	5.2	4.0	.27	.30	.22
2	.84	2.3	2.1	4.6	11	7.0	7.1	5.2	3.3	.26	.31	.29
3	.96	2.0	2.1	61	10	7.2	7.3	5.3	3.5	.21	.31	16
4	1.1	1.9	2.1	21	9.0	7.2	7.5	5.3	3.4	.20	.48	13
5	1.1	2.1	2.1	10	8.7	7.0	7.3	4.9	3.4	.19	1.1	5.3
6	1.3	2.1	2.1	7.3	8.2	6.9	7.0	5.0	4.1	.18	.99	3.5
7	1.6	2.1	2.1	6.3	7.8	6.9	7.0	5.0	4.3	.16	.69	2.6
8	1.5	2.1	2.1	5.9	7.2	7.0	7.1	5.1	4.5	.14	.55	2.3
9	1.4	2.0	2.2	5.6	7.4	7.2	7.5	4.7	4.2	.16	.55	2.1
10	1.3	1.8	7.4	5.4	7.4	7.4	7.7	4.4	4.4	.18	.60	2.1
11	1.3	1.9	65	5.3	7.2	7.7	7.5	5.1	4.1	.19	.99	1.9
12	1.3	1.9	13	5.3	7.2	8.3	7.7	4.7	4.0	.20	.96	1.8
13	1.4	2.0	6.5	5.8	7.2	8.8	7.3	4.8	3.8	.16	.83	1.7
14	1.4	2.0	e5.0	5.9	7.2	8.8	7.4	4.8	4.0	.14	.69	1.7
15	1.4	2.0	e4.5	5.6	7.2	8.7	7.4	4.7	4.5	.13	.54	2.3
16	1.5	2.0	e4.0	5.2	7.2	8.7	7.4	4.7	4.9	.13	.50	2.2
17	1.5	2.0	e3.8	5.1	7.3	8.9	7.5	4.4	4.5	.12	.43	2.1
18	1.4	2.0	e3.8	4.9	7.7	9.0	7.5	4.2	3.4	.10	.36	2.2
19	1.3	2.1	e3.8	5.1	7.6	9.4	7.6	4.6	2.4	.10	.32	2.3
20	1.3	2.2	e3.8	5.4	8.0	9.6	7.8	5.0	2.1	.09	.31	2.2
21	1.8	2.2	e3.8	5.8	7.7	9.6	7.5	5.2	1.5	.08	.30	2.1
22	1.8	8.2	e4.5	5.9	7.2	9.4	7.5	5.2	1.1	.07	.30	2.0
23	1.8	8.5	e4.0	7.6	7.2	9.4	7.6	5.1	1.1	.06	.31	1.9
24	1.9	4.1	3.9	9.5	7.1	9.2	7.2	5.2	1.1	.07	.26	1.8
25	2.0	2.8	3.7	14	6.9	8.4	7.3	5.2	.76	.10	.18	2.0
26	2.0	2.4	3.6	81	6.9	8.1	6.1	4.8	.65	.14	.14	72
27	2.1	2.3	3.8	73	7.2	8.1	4.0	4.6	.51	.15	.13	11
28	2.4	2.2	4.0	36	7.0	7.9	4.5	4.7	.45	.17	.13	6.4
29	2.3	2.2	4.1	20	---	7.7	5.0	4.8	.36	.18	.16	4.2
30	2.2	2.1	4.1	13	---	7.2	5.2	4.7	.30	.21	.17	3.3
31	2.4	---	4.1	11	---	6.9	---	4.6	---	.23	.19	---
TOTAL	48.38	78.0	183.2	461.6	218.7	250.5	209.4	151.2	84.63	4.77	14.08	174.51
MEAN	1.56	2.60	5.91	14.9	7.81	8.08	6.98	4.88	2.82	.15	.45	5.82
MAX	2.4	8.5	65	81	11	9.6	7.8	5.3	4.9	.27	1.1	72
MIN	.78	1.8	2.1	4.1	6.9	6.9	4.0	4.2	.30	.06	.13	.22
AC-FT	96	155	363	916	434	497	415	300	168	9.5	28	346

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1997, BY WATER YEAR (WY)

(WY)	1995	1995	1995	1993	1993	1993	1993	1995	1995	1995	1992	1997
MEAN	2.23	3.31	4.89	17.8	34.5	47.6	13.6	5.70	2.74	.91	.89	1.87
MAX	3.12	4.33	9.59	55.2	115	128	30.6	9.75	5.44	2.54	1.43	5.82
MIN	1.56	2.60	2.43	3.61	4.55	4.09	3.48	2.18	.65	.15	.20	.64

SUMMARY STATISTICS FOR 1996 CALENDAR YEAR FOR 1997 WATER YEAR WATER YEARS 1992 - 1997

ANNUAL TOTAL	910.49	1878.97	
ANNUAL MEAN	2.49	5.15	11.2
HIGHEST ANNUAL MEAN			29.0
LOWEST ANNUAL MEAN			2.48
HIGHEST DAILY MEAN	65	Dec 11	939
LOWEST DAILY MEAN	10	Jul 6	Feb 20 1993
ANNUAL SEVEN-DAY MINIMUM	11	Aug 6	.00 Aug 8 1994
ANNUAL RUNOFF (AC-FT)	1810	3730	.05 Aug 7 1994
10 PERCENT EXCEEDS	4.1	8.3	17
50 PERCENT EXCEEDS	2.1	4.0	3.5
90 PERCENT EXCEEDS	.19	.23	.53

e Estimated